## us-10-088-548-2.rpr

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OM protein - protein search, using sw model

January 23, 2003, 18:00:50 ; Search time 25.7561 Seconds (without alignments) 1149.607 Million cell updates/sec

Title: Perfect score:

Sequence: US-10-088-548-2 1786 1 KSPVVQDCYHGDGRSYRGIS.....YTMNPRKLFDYCDIPLCASS 308

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

Searched:

283224 seqs, 96134422 residues

otal number of hits satisfying chosen parameters: 283224

Minimum DB seq length: 0 ... Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database : PIR\_73:\*
1: pir1:\*
2: pir2:\*
3: pir3:\*
4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

338 18.	28 338.5 19.0	352.5 19.	354 19.	363.5 20.	387 21.	390 21.	408 22.		604.5 33.	620 34.	650.5 36.	656 36.	670.5 37.	671 37.	685.5 38.	685.5 3	.4	796 44.	808.5 4	1072 60.	1123.5 62.	1124 62.	1137.5 63.	1195.5 66.	67.	1210.5 67.	w	No. Score Match L
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173.5	179.5	180.5	208	213.5	223.5	223.5	225	240.5	241	246.5	257.5	271.5	298.5	301.5
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sminogen-apolipopro 07924; PMID:1554698	4; PI	feren	B/EMBL/D	373; PID:g967; P.; Bruno, 11588, 1992; iicial chromo; 73; PMID:1454;	shown; tr	E.; Liu, 1373, 199 poprotei 98; PMID:	181-186,'T',	596; NID: McLean, 3228, 198 apolipop	protein(a )9; PMID:	0-Jun-19 )906; A47 W.J.; Ea	[validated] lipoprotein	ALIGNMENTS	
r <del>+</del>	AAA3554	ce I52415) translated:	DBJ	974 L.; Some	translated	009	'T',188-	g28619; J.W.; Xu 7 rotein(a 3472,206	) is hom 3670400	89 #text 233; I52 ton, D.L	d] - human in(a) chain		
ein(a) ge	1; P	from		Pontogli cloning	from GB,	ow, and	196,'DKG',	IDN:CAF Q.T.; shows		ext_change ( 152415; 1652 D.L.; Chen,	n in apo(a)		coagulatio hepatocyte plasma hya coagulatio neurotroph plasma hya u-plasmino u-plasmino u-plasmino u-plasmino
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A: Residues: 1-16 < RE4>
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256-333/Domain: kringle homology <KR3>
370-447/Domain: kringle homology <KR4>
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     δg
                              61 DSGKQPWCYTTDPCVRWEYCNLTQCSETESGVLETPTVVPVPSMEAHSEAAPTEQTPVVR 120
                                                                                                                                                                 Local
                                                                                     1 KSPVVQDCYHGDGRSYRGISSTTVTGRTCQSWSSMIPHWHQRTDENYPNAGLTENYCRNP 60
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A;Cross-references: GB:K02921; NID:g190110; PIDN:AAA60123.1; PID:g190111
R;Brunisholz, R.A.; Lerch, P.G.; Schaller, J.; Rickli, E.E.; Lergier, W.; Manneberg, Eur. J. Biochem. 114, 465-470, 1981
A;Title: Comparison of the primary structure of the N-terminal CNBr fragments of huma A;Reference number: S03735; MUID:81212097; PMID:7238497
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A; Residues: 367-419 < MAL3>
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A; Residues: 292-471, 'D', 473-810 <MAL2>
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FEBS Lett. 213, 254-260, 1987
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C;Date: 24-Apr-1984 #sequence_revision 02-Dec-1994 #text_change 15-Sep-2000
C;Date: 24-Apr-1985 #sequence_revision 02-Dec-1994 #text_change 15-Sep-2000
C;Accession: A35229; I52242; A26646; I62738; I84609; S03735; A00929; A04627; A04625;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  В
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R;Sottrup-Jensen, L.; Petersen, T.E.;
                                                                       A; Molecule type: protein
                                                                                                                A; Accession:
                                                                                                                                                                                                                                                                                                                                                                                               A; Status: translated from GB/EMBL/DDBJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A; Cross-references: GB: K02922; NID: g190112; PIDN: AAAA60124.1; PID: g387031.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A; Molecule type: mRNA
A; Residues: 1-471, 'D', 473-810 <FOR>
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                                                                                                                                                                                                                                                                                                                                                                                                                                     A; Accession: I84609
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A; Cross-references: GB: M62890; NID:g190092; PIDN:AAA36454.1; PID:g553613
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmin (EC 3.4.21.7) precursor [validated] - human N.Alternate names: plasminogen precursor [misnomer]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Molecule type: DNA
A;Residues: 1-16 <MAL1>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Status: translated from GB/EMBL/DDBJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A; Molecule type: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            R;Petersen, T.E.; Martzen, M.R.; Ichinose, A.; Davie, E.W.
J. Biol. Chem. 265, 6104-6111, 1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4303 DIPLCASS 4310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4243 TVTGTPCQEWAAQEPHRHSTFIPGTNKWAGLEKNYCRNPDGDINGPWCYTMNPRKLFDYC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4183 WCFTMDPSIRWEYCNLTRCSDTEGTVVAPPTVIQVPSLGPPSEQDCMFGNGKGYRGKKAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TVTGTPCQEWAAQEPHRHSTFIPGTNKWAGLEKNYCRNPDGDINGPWCYTMNPRKLFDYC 300
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                                     20-71, 'E', 73-76 <BRU>
                                                                                                                S03735
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           source: liver
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E S
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THGNGQSYRGTFSTTVTGRTCQSWSSMTPHRHQRTPENYPNDGLTMNYCRNPDADTGP:180

Magnusson,